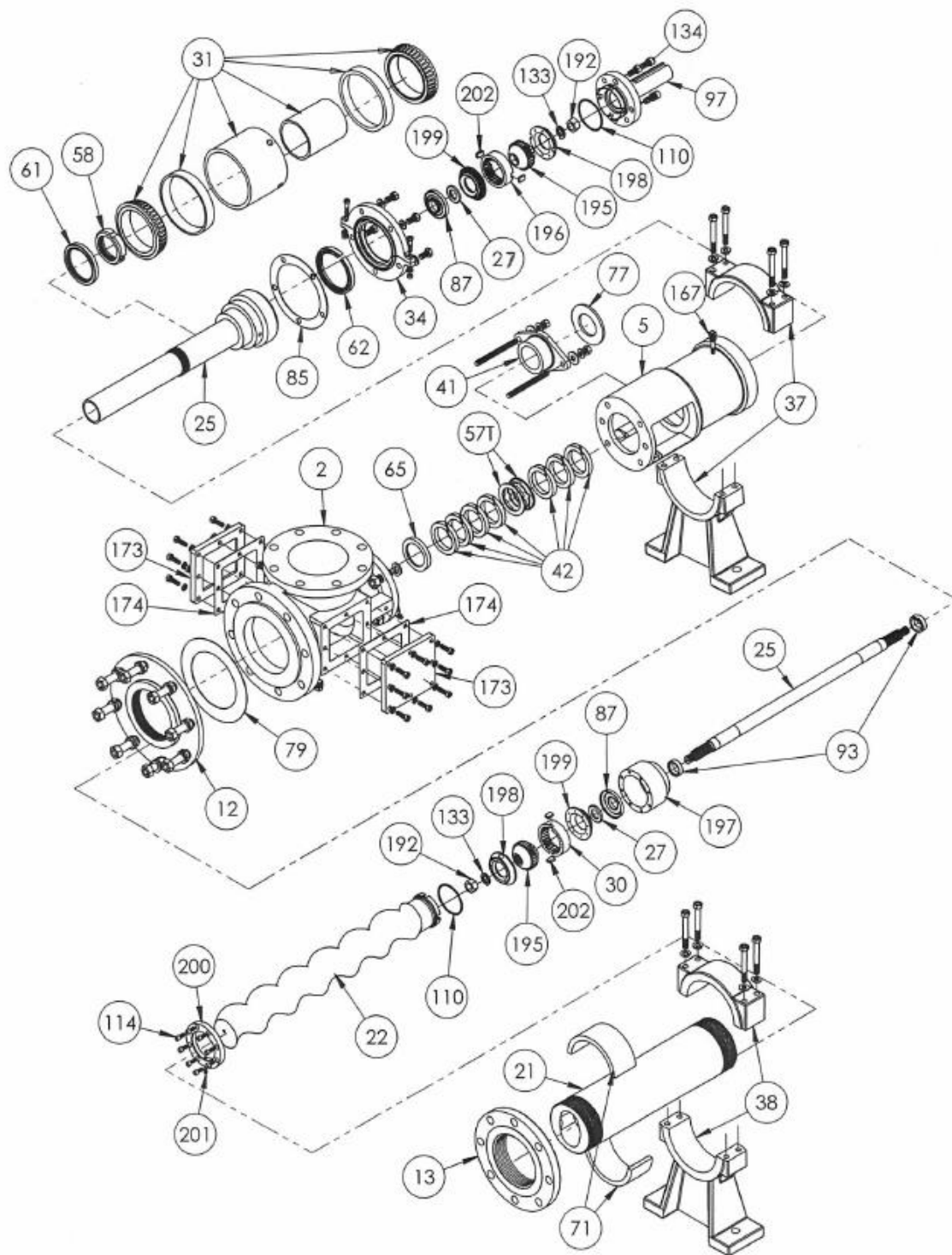


## Continental Progressive Cavity Pump CG Model CG12 Pump



## Continental Pump Company

29425 State Hwy B | Warrenton, Missouri 63383 | Tel: 636-456-6006 | Fax: 636-456-4337 | Email: [sales@con-pump.com](mailto:sales@con-pump.com)  
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## CG Model Number nomenclature:

Materials used in the pumps are based on the fluid to be handled and are indicated in the model number nomenclature.

2CG12 - CDQ

123456

- (1): Indicates the number of stages for the rotor and stator
- (2): Indicates the pump model designation (CL, CM, CG Model)
- (3): Indicates the size of the rotor and stator
- (4): Indicates the pump body casting material
- (5): Indicates the rotor and internal parts material
- (6): Indicates the stator material

Continental Part Description	Continental Letter Designation	Part Materials
Pump Body	C	Cast Iron
	S	316 Stainless Steel (CF8M)
Rotor	D	Chrome Plated Alloy Steel
	S	Chrome Plated Stainless Steel
Stator*	Q	Buna Nitrile
	R	Natural Rubber
	B	EPDM
	F	Viton®
Internal Parts	CS	Carbon Steel
	S	Stainless Steel

\*The Stator Elastomers can be furnished in either: C – Carbon Steel Sleeve or S – Stainless Steel Sleeve.

**Example:** QC is for Buna Nitrile Elastomer with Carbon Steel Sleeve.

**Packing Sets:** All sets are Formed and Cut Rings.

Teflon coated: General Service to handle are Caustics, mild acids, chemicals, solvents, oils. Temperature to 300°, pH range 2-10.

Graphite: General Service to handle are Strong caustics, acids, chemicals and high pressure steam. Temperature to 1200° in steam and 800° in oxidizing atmospheres, pH range 0-14.

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## CG Model

### Replacement Parts for CG12 Pump

Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Suction Body with Cleanouts	CG12-2C	CG12
	Bearing Housing	CL12-5C	CG12
	Flanged Reducer	CG12-10C	CG12
	Adapter Flange	CG12-12C	CG12
	Stator*	1CL12-21QC 1CL12-21BC 1CL12-21RC 1CL12-21FC	CG12
		1CL12H-21QC 1CL12H-21BC 1CL12H-21RC 1CL12H-21FC	CG12
		2CL12-21QC 2CL12-21BC 2CL12-21RC 2CL12-21FC	CG12

\*Other elastomer options are available upon request

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Stator*	2CL12H-21QC 2CL12H-21BC 2CL12H-21RC 2CL12H-21FC	CG12
		3CL12-21QC 3CL12-21BC 3CL12-21RC 3CL12-21FC	CG12
*Other elastomer options are available upon request			
	Rotor	1CG12-22D 2CG12-22D 3CG12-22D	CG12
		1CG12H-22D 2CG12H-22D	CG12
**Undersized and Non-Plated Rotors are available upon request			
	Connecting Rod with 2 Clamp Rings (CG12-93)	CG12-25CS	CG12
	Drive Shaft	CG12-26CS	CG12
	Spacer (2 Required)	CG12-27	CG12
	Roller Bearing Assembly	CL12-31	CG12
	Bearing Cover Plate	CG12-34C	CG12

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Pump Support	CL12-37C	CG12
	Stator Support**	CL12-38C	CG12
	Packing Gland	CL12-41C	CG12
	Packing Set, Teflon Coated	CL12-42	CG12
	Packing Set, Graphite	CL12-42G	CG12
	Lantern Ring, Stainless Steel	CL12-57S	CG12
	Lantern Ring Set, Teflon	CL12-57T	CG12
	Bearing Lock Nut, Carbon Steel	CL12-58	CG12
	Grease Seal (Radial)	CL12-61/62	CG12
	Grease Seal (Thrust)	CG12-62	CG12

\*\*2 Stator Supports are required for 3CG12 and 2CG12H Pumps.

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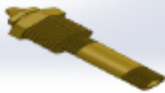









Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Packing Gland Insert	CL12-65S	CG12
	Slinger	CG12-77	CG12
	Adapter Gasket	CG12-79	CG12
	Bearing Cover Plate Gasket	CL12-85	CG12
	Connecting Rod Cover (2 Required)	CG12-87Q	CG12
	Connecting Rod Clamp Ring (2 Required)	CG12-93S	CG12
	Drive Shaft Head	CG12-97CS	CG12
	O Ring (2 Required)	CG12-110	CG12
	Rotor Head Screw (8 Required)	CG12-114	CG12
	Shaft Washer (2 Required)	CG12-133	CG12
	Shaft Screw ( 4 Required)	CG12-134	CG12

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Spud	CL12-167	CG12
	Inspection Plate (2 Required)	CG12-173C	CG12
	Inspection Plate Gasket (2 Required)	CG12-174	CG12
	Connecting Rod Nut (2 Required)	CG12-192	CG12
	Ball Gear (2 Required)	CG12-195CS Not sold individually See P/N: CG12-195K	CG12
	Ring Gear (2 Required)	CG12-196CS Not sold individually See P/N: CG12-195K	CG12
	Gear Joint Shell	CG12-197CS	CG12
	Front Thrust Plate (2 Required)	CG12-198 Not sold individually See P/N: CG12-195K	CG12
	Rear Thrust Plate (2 Required)	CG12-199 Not sold individually See P/N: CG12-195K	CG12
	Head Ring	CG12-200CS	CG12

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Retainer Screw	CG8/10-201	CG12
	Shaft Keys (2 Required)	CG12-202CS	CG12
	Component Seal	CL12-81F	CG12
*Other elastomer options are available upon request			
	Component Seal Gland	CL12-82S	CG12
No Image Available	Cartridge Mechanical Seal	Contact Us	CG12

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## CG Model

### Replacement Kits for CG12 Pump

Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	<u>Roller Bearing Assembly:</u> Includes: Qty 1: Inner Race, Outer Race; Qty 2: Cone & Cup	CL12-31	CG12
	<u>Gear Joint Kit:***</u> Includes: Qty 1: Connecting Rod Cover, Con Rod Nut, Shaft Lock Washer, Ball Gear, Ring Gear, Thrust Plate-Front, Thrust Plate- Rear, Spacer, O Ring; Qty 2: Shaft Key.	CG12-195K	CG12
<b>***Gear Joint Kit repairs <u>ONE</u> gear joint.</b>			
	<u>Component Seal Kit:</u> Includes QTY 1: Viton Component Seal & Stainless Steel Gland	CL12-81KFS	CG12

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### Materials of Construction

All Continental Pump casting materials are Class 40# grey cast iron and CF8M (316) stainless steel. The best metal for your application would depend on how corrosive your liquid is. We offer an epoxy coating for an additional charge and can be applied to the suction housing and reducer. The epoxy seals the cast iron from the material being pumped.

Stators are available in 4 types of elastomers. The rubber materials are: Buna Nitrile, Natural Rubber, EPDM and Viton®. The rubber that is best for your application depends on what liquid you are pumping and at what temperature, as it plays a vital role in which to select.

The rotors are available in Chrome Plated Alloy Steel and Stainless Steel, but is dependent on the pH level and the corrosiveness of your liquid. In certain pH levels a non plated rotor may need to be used, as it could lift the chrome off of the rotor.

**Looking for simplicity?** We offer complete Progressive Cavity Pump Units. They are constructed on a steel base to fit your specific application needs. The Unit consists of a Pump, a Steel Base & Guard, a Gear Reducer and Motor. Also available are Belt Drive Units and many other base options.

**Space Challenged?** If you are needing a different arrangement from traditional piping, we can rotate the housing up to 270° for the CL, CM & CG Model Pumps.

**Don't need a complete pumping unit but looking for drive options?** We can still help, whether attached to a pump or sold separately we can supply you with Hydraulic Adapters, VFD's, Gear Boxes and Motors.

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